

## CLAIMS

I claim:

1. A method of enabling a user to communicate by at least voice communications via a data network, the method comprising:

5 enabling access to a gateway for interfacing with a mobile telephone, and  
enabling access between the gateway and the data network.

2. The method of claim 1, further including:

10 enabling access to a user profile, associated with the user, that is located on the data  
network, and  
further enabling the user to communicate in dependence upon this user profile.

3. The method of claim 2, further including

15 enabling access to the gateway for interfacing with a wired telephone, and  
wherein  
the user profile facilitates enabling the user to communicate from either the mobile  
telephone or the wired telephone using a common interface that is based on the user profile.

4. The method of claim 3, further including

20 enabling access between the gateway and a public telephone network via the data  
network.

5. The method of claim 1, further including

25 enabling access between the gateway and a public telephone network via the data  
network.

6. The method of claim 5, wherein enabling the user to communicate is initiated by the public  
telephone network in response to a telephone call to a telephone number that is associated with  
the user.

7. A method of enabling Internet access from a mobile telephone for at least voice communication, the method comprising:

providing a network access to a gateway for interfacing between the mobile telephone and the Internet.

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8. The method of claim 7, wherein

the gateway is configured to provide a communication path between the mobile telephone and the Internet, based on an IP address associated with the mobile telephone.

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9. The method of claim 7, further including:

providing a user-dependent interface to the mobile telephone, based on a user-profile that is accessible via the Internet.

10. The method of claim 9, further including

providing the same user-dependent interface to a wired telephone.

11. The method of claim 7, wherein enabling Internet access from a mobile telephone is initiated by a request via the Internet for access to the mobile telephone.

12. The method of claim 7, further including

providing an other network access to a multi-user gateway for interfacing between a telephone network and the Internet.

13. A gateway device comprising:

a communication device that is configured to communicate with a mobile telephone, and  
a network access device that is configured to communicate with a data network, and to  
provide thereby communications with the mobile telephone via the data network.

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14. The gateway device of claim 13, wherein the data network includes an Internet network.

15. The gateway device of claim 13, further including

an interface application that is configured to facilitate a connection between the mobile  
telephone and an other telephone instrument via an IP address that is associated with the other  
telephone instrument.

16. The gateway device of claim 13, further including

an interface application that is configured to facilitate a connection between the mobile  
telephone and an other telephone instrument via an IP address that is associated with the mobile  
telephone.

17. The gateway device of claim 13, further including

a user interface application that is configured to provide a user-dependent interface to a  
user of the mobile telephone, based on a user-profile that is accessible via the data network.

18. The gateway device of claim 13, wherein

the communication device is further configured to communicate with multiple  
telephones, and

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the network access device is further configured to provide the communications with the  
mobile telephone and the multiple telephones based on an IP addressing scheme.

19. The gateway device of claim 18, further including

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a user interface application that is configured to provide a user-dependent interface to a  
user of each telephone of the multiple telephones, based on a user-profile of each user of the  
multiple telephones, the user-profile of each user being accessible via the data network.

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